



## MATERIAL SAFETY DATA SHEET

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### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Identification**

Product Name: Print Cartridge Yellow MP C3000A  
Product Number: 888637  
Chemical Name: mixture  
CAS Number: 0-00-0

**Company Identification**

Ricoh Corporation  
5 Dedrick Place  
West Caldwell, NJ 07006 USA  
1-973-882-2000 or 1-973-882-5218 (For product information)  
1-800-336-6737 (For emergencies)

**GENERAL USE:**

MP C2500, MP C3000.

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

**COMPONENT LISTING:**

| Chemical Name   | Amount   | CAS Number   |
|-----------------|----------|--------------|
| POLYESTER RESIN | > 70.0 % | Confidential |
| ORGANIC PIGMENT | < 10.0 % | 68516-73-4   |
| WAX             | < 10.0 % | Confidential |
| SILICA          | < 10.0 % | 7631-86-9    |

**EXPOSURE GUIDELINES:**

**Silica**

OSHA PEL: 15 mg/m<sup>3</sup>  
ACGIH TWA: 10 mg/m<sup>3</sup>

### 3. HAZARDS IDENTIFICATION

**PRIMARY ENTRY ROUTES:**

Inhalation.

**CARCINOGENICITY:**

This product does not contain the carcinogenic substances which are listed in NTP, IARC and are regulated by OSHA.

**MEDICAL CONDITION AGGRAVATED BY LONG-TERM EXPOSURE:**

Not applicable.

**CHRONIC EFFECTS:**

No data is available on this product.

## 4. FIRST AID MEASURES

### EYE CONTACT FIRST AID:

Immediately wash eyes with plenty of water. If unsuccessful, get medical attention.

### SKIN CONTACT FIRST AID:

Wash thoroughly with soap and water.

### INHALATION FIRST AID:

Gargle with water, move to place in fresh air. If unsuccessful, get medical attention.

### INGESTION FIRST AID:

Dilute stomach contents with several glasses of water. If unsuccessful, get medical attention.

## 5. FIRE FIGHTING MEASURES

### FLAMMABLE PROPERTIES

COC Flash Point: N/A

Autoignition Temperature: N/A

### FLAMMABLE LIMITS IN AIR

LEL: N/A

UEL: N/A

### BURNING RATE:

Not available.

### EXTINGUISHING MEDIA:

CO2, dry chemicals, foam or water.

### FIRE FIGHTING INSTRUCTIONS:

Generally by sprinkling or extinguisher.

## 6. ACCIDENTAL RELEASE MEASURES

### SPILL / LEAK PROCEDURES:

If spilled, sweep up or pick up by vacuum cleaner (rated for toner extraction).

### MISCELLANEOUS:

Minimize inhalation of dust. Keep product out of sewers and watercourses.

## 7. HANDLING AND STORAGE

### HANDLING PRECAUTIONS:

Do not handle in areas where wind blows. Flying powder may enter eyes. Minimize breathing dust.

### STORAGE REQUIREMENTS:

Avoid direct sunlight. Do not keep this over 35 degrees centigrade. Keep out of reach of children.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**VENTILATION:**

None needed under normal use condition.

**RESPIRATORY PROTECTION:**

None required under normal conditions of use.

**PROTECTIVE CLOTHING / EQUIPMENT:**

None required under normal conditions of use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                         |                          |
|-------------------------|--------------------------|
| FORM:                   | Powder                   |
| COLOR:                  | Yellow                   |
| ODOR:                   | slight plastic odor      |
| BOILING POINT:          | Not applicable C         |
| VAPOR PRESSURE:         | Not applicable psia      |
| VAPOR DENSITY:          | Not applicable (Air = 1) |
| SOLUBILITY IN WATER:    | Insoluble                |
| MELTING/FREEZING POINT: | approx. 110 C            |
| PH:                     | Not applicable           |
| % VOLATILES:            | - %                      |
| VISCOSITY:              | Not applicable           |
| EVAPORATION RATE:       | Not applicable           |
| DENSITY (G/CM3):        | Approx. 1.2              |

## 10. STABILITY AND REACTIVITY

**POLYMERIZATION:**

None.

**CONDITIONS TO AVOID:**

Not applicable in normal use.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

will not occur.

## 11. TOXICOLOGICAL INFORMATION

**ACUTE ORAL EFFECTS:**

>5000mg/kg (Rat).

**CARCINOGENICITY:**

No data is available on this product.

**MUTAGENICITY:**

Negative (Ames test).

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DEGRADATION:**

Not known.

**MISCELLANEOUS:**

Not known in bioaccumulation.

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL:**

Used toner should be disposed of in an environmentally appropriate manner and in accordance with governmental regulations. Do not incinerate.

### 14. TRANSPORT INFORMATION

PRODUCT LABEL: Print Cartridge Yellow MP C3000A

**MISCELLANEOUS:**

Avoid direct sunlight. Do not keep this over 35 degrees centigrade.

### 15. REGULATORY INFORMATION

**Canadian Disclosure List**

Silica (7631-86-9)

### 16. OTHER INFORMATION

**HMIS Rating:**

Health - 1  
Flammability - 1  
Reactivity - 0

APPROVED BY: David Huelbig  
TITLE: Safety Engineer  
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